# CRT-ALT and Issues of

with severe cognitive disabilities within MontCAS

# with Disabilities

- Same assessment with necessary accommodations

  Standard accommodations

  Nonstandard accommodations

## Alternate assessment – alternate performance standards

# "....a method of measuring the performance of students unable to participate in the typical Record Review (student products, IEP objectives and progress) Montana's choice: checklist (ITBS Alternate); performance task (CRT-Alternate) Montana's approach to standards (broad-based) facilitate natural extension to encompass broader range of performance. Extended standards focus on basic skills that provide foundation for further development. Sample benchmarks are provided to assist teams in Sample benchmarks are provided to assist teams in "thinking broadly" when considering students with the most severe disabilities

# Montana's Standards and Expanded Benchmarks

Expanded from end of grade 4, end of grade 8, and end of grade 12 to foundational skills.

Are not grade level specific, due to the wide diversity of students in this population.

Used to develop the assessment performance indicators.

# Expanded Benchmarks and Standards-Based Instruction

Expanded benchmarks describe the scope and sequence of the acquisition of content related knowledge, skills and abilities along a learning continuum.

Expanded benchmarks can identify the next step for the development of the student's individualized educational plan. Standards become reachable and teachable.

- Measured Progress curriculum and special education specialists developed a draft of the framework.

  OPI reviewed it.

  Beta test teachers provided input.

  The Advisory committee provided recommendations.

- The framework was revised to include grade span expectations per new federal legislation.

- Standard
  - Essence of the standard
- Grade level expectation

- Performance Indicator
  - Prompt or example if needed

- Standard #2: Demonstrate understanding of and an ability to use numbers and operations.

  Essence: Number concepts, concepts of operations, computing and estimating.

  Grade 4 expectation: Students will use the number system by counting, grouping, and applying place value concepts.

  Expanded Benchmark: Demonstrate an understanding of whole numbers.

  Indicator: The student will demonstrate the concept of one (e.g., "Hit the switch one time", "Give me one").

Standard #2: Students apply a range of skills and strategies to read.

Essence: Interpret print and non-print information.

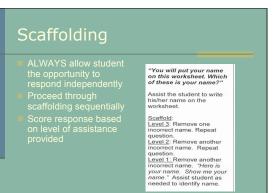
Grade 8 expectation: Develop vocabulary through the use of context clues, analysis of word parts, auditory clues, and references sources.

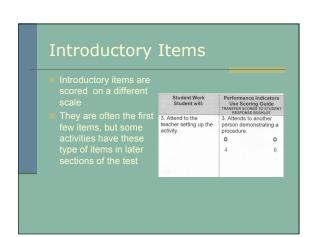
Expanded Benchmark: Uses word/pictures/symbols/objects to communicate.

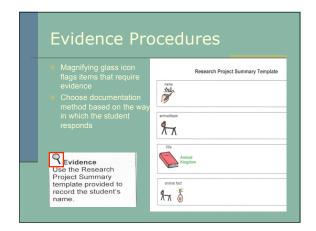
Indicator: The student will identify a word/picture/symbol/object used to name a familiar place.

# Scoring of the CRT

# Scoring Scoring and scaffolding are directly related processes Except for several introductory items, each item is scored using the rubric above The rubric is sensitive to small differences in performance among students that may require assistance in order to respond to the test items







# Making the Test Work for <u>All</u> Students Flexibility and Customization Options

# Multiple Choice Questions Multiple choice type questions 4. Display 4 word/picture symbols on the work space. "Show me the word/ picture/symbol/object that means library." (If library is not available, substitute appropriate term.)

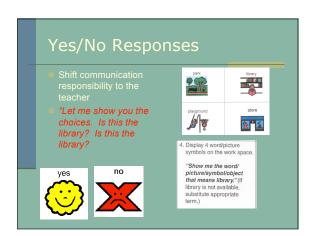
# Adapting the Student Response

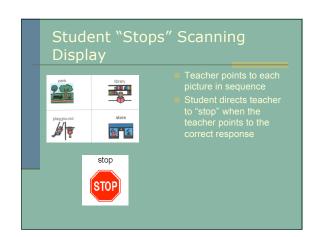
Modify size/display of pictures

Reword the question so that it requires a "yes"/"no" response

Teacher can visually scan among the four items, requiring the student to "stop" scanning at the desired response



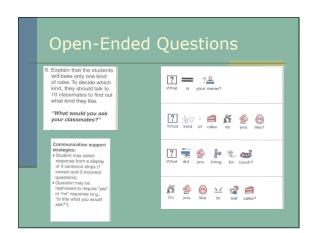






# Items Requiring Performance 11. Display literary materials on the work space and encourage the student to explore them. Observe correct manipulation of literacy materials. "Show me how you use this." Communication support strategies: Student may look at/point to task materials to express response OR instructional stack student to literacy materials, ask student to indicate (e.g., "Ye have book in the correct position? Am I going to hit the right button?").

# Example of Scaffolding a Performance Item Level 3 = provide additional information Level 2 = model correct response Level 1 = guide student through correct response Scaffold: Level 3: Give the student a verbal description of how to hold book/turn on tape. Repeat task request. Level 2: Demonstrate the correct way to hold/turn on the material. Give materials to student and repeat task request. Level 1: Assist student to manipulate materials appropriately, saying "This is how you use this."



# Scaffolding Open-Ended Questions

Scaffold:
Level.3 "Here are some
1. Supply and
read 3 sentence strips
read 3 sentence strips
(1 correct2 incorrect).
"What would you ask?"
Student may repeat or
point to correct response and
incorrect response and
review the 2 choice."
Student may repeat or
point to correct response.
Level 1.1 Display and read
the correct response.
Guide student to point to
or (if possible) repeat the
correct response.

Follow same approach as used for multiple choice questions Sentence strips also used for scaffolding students who are verbal

- Show the 2 boxes and give the student more than 10 counters.

"How many classmates will 2 boxes serve?"

Communication support strategies:
- Student may select response from a display of 4 numbers OR
- Student may select desired response on a number line OR
- Student may stop recorded or spoken sequence of numbers at the correct point.

# Technical Rigor

- Development of desired student outcomes that reflect understanding of research and practice;
  Careful development, testing, and refinement of assessment methods;
  Scoring of evidence according to professional accepted standards;
  Standard-setting process to allow use of results in reporting and accountability systems; and
  Continuous improvement of the assessment process.

## Step 1: Desired Outcomes Reflect Research and Practice (and policy!)

- Content of Test:

  Collaborative work between general and special educators to identify ways in which students can work toward content level standards—> Extended standards and benchmarks documents in reading and math; science is coming.

  Expertise from curriculum specialists and special educators from Measured Progress

  Emerging (but still sparse) research base demonstrating students capable of learning academic skills

## Step 1: (continued)

- Administration/Structure of Test:

  Test needed to be sensitive to small increments in student learning
  - Utilization of "least to most" prompt hierarchy as basis for administration has a strong foundation in the research literature
  - Prompt hierarchy is a familiar teaching method for teachers, so is not a daunting new skill to learn In research studies using this strategy, acceptable levels of interrater reliability have been achieved

## Step 2: Careful development, testing, and refinement of assessment methods

## Step 3: Scoring of evidence according to professional accepted standards

- Some concrete evidence submitted to Measured Progress for external review
- Interrater reliability initiative started during Spring testing window

# **Reliability Activities**

Trained personnel will be sent to observe test administration with a sample of teachers and students representing all grades and subject areas tested.

- Observe to see if test administration procedures correspond with the test protocol.
- Score student responses for a sample of items, providing data to calculate a scoring reliability index.

- Recruited experienced educators and graduate students in school psychology

- Integrity of administration procedures (e.g., scaffolding, item presentation)
   Reliability of scoring procedures

# Step 4: Standard-setting process to allow use of results in reporting and accountability Structured, established process facilitated by Measured Progress personnel Step 5: Continuous improvement of the assessment process Survey of test administrators conducted after test implementation in first years ■ Training a priority for continuous improvement Questions, Comments,